



**SCHWABE, WILLIAMSON & WYATT, P.C.**  
ATTORNEYS AT LAW

U.S. BANK CENTRE • 1420 FIFTH AVENUE • SUITE 3010 • SEATTLE, WASHINGTON 98101-2393  
TELEPHONE: 206.622.1711 • FAX: 206.292.0460 • TELEX: 320382 • www.schwabe.com

**FACSIMILE TRANSMISSION**  
Please notify the recipient immediately.

DATE: March 23, 2004

TO:	FAX NO.	PHONE NO.
Commissioner For Patents	1 703 746-9195	

FROM:	PHONE NO.:	E-MAIL ADDRESS:
Christine A. Hurdle	206.689.1213	churdle@schwabe.com
<b>MESSAGE:</b> Please see attached.		

<b>FILE NUMBER:</b>	111027-134390		
<b>NO. OF PAGES, INCLUDING COVER:</b>	3	<b>TRANSMITTAL TIME:</b>	3:39 PM
<b>VIA FAX ONLY:</b>	X	<b>ALSO VIA:</b>	

**CAUTION - CONFIDENTIAL**

THE INFORMATION CONTAINED IN THIS FACSIMILE IS CONFIDENTIAL AND MAY ALSO CONTAIN PRIVILEGED ATTORNEY-CLIENT INFORMATION OR WORK PRODUCT. THE INFORMATION IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHOM IT IS ADDRESSED. IF YOU ARE NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE TO DELIVER IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY USE, DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THE FACSIMILE IN ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE, AND RETURN THE ORIGINAL MESSAGE TO US AT THE ADDRESS ABOVE VIA THE U.S. POSTAL SERVICE AT OUR COST. THANK YOU.

**IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE CALL (206) 622-1711 AS SOON AS POSSIBLE.**

<b>FAX OPERATOR:</b>		<b>DIRECT DIAL PHONE:</b>	(206) 622-1711
----------------------	--	---------------------------	----------------

Attorney's Docket No. 111027-134390

Patent

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:

Lakshmipathi Sondur

Application No.: 10/666,509

Filed: 09/19/2003

For: WIRELESS SIGNAL  
PROCESSING METHODS AND  
APPARATUSES INCLUDING  
DIRECTIONS OF ARRIVAL  
ESTIMATION

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on this date, 3/23/04

Typed or Printed: Christina HurdleSignature Christina Hurdle Date: 3/23/04

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED FILING RECEIPT**

Sir:

Enclosed is a copy of the official Filing Receipt for the above-referenced patent application with errors noted thereon in red, as follows:

Under Atty. Docket No.

"111027-133924" should read --111027-134390--.

Under Applicant(s)

"Sondur Lakshmipathi" should read --Lakshmipathi Sondur--.

It is respectfully requested that a corrected Filing Receipt be issued accordingly.

Respectfully submitted,

SCHWABE, WILLIAMSON &amp; WYATT, P.C.



Aloysius T.C. AuYeung  
Registration No. 35,432

Dated: 3/23/04

Pacwest Center, Suites 1600-1900  
1211 SW Fifth Avenue  
Portland, Oregon 97204  
Telephone: 503-222-9981

IPG No. P16285



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/666,509	09/19/2003	2681	1746	111027-134390 111027-138924	4	52	8

25943 ✓

SCHWABE, WILLIAMSON & WYATT, P.C.  
PACWEST CENTER, SUITES 1600-1900  
1211 SW FIFTH AVENUE  
PORTLAND, OR 97204

DEC 13 2003

CONFIRMATION NO. 9185

## FILING RECEIPT



\*OC000000011486212\*

Date Mailed: 12/15/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

[Sondur Lakshmipathi] Bangalore, INDIA; ✓  
Lakshmipathi Sondur

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted: 12/12/2003

Projected Publication Date: 03/24/2005

Non-Publication Request: No

Early Publication Request: No

## Title

Wireless signal processing methods and apparatuses including directions of arrival estimation ✓

## Preliminary Class

455